

### CLAIM AMENDMENTS

#### IN THE CLAIMS:

This listing of the claims will replace all prior versions, and listing, of claims in the application:

1.     **(Currently Amended)** A two dimensional screening array comprising:  
a plurality of molecules bound to surfaces of a fused fiber porous material, wherein the array contains at least 100 different molecules, each of the different molecules bound in a different predetermined region of the porous material; said material manufactured from alumina fibers, silica fibers, and a fusion source, wherein said material has a mean pore diameter of greater than 10 microns, and all of said material consists of a density of ~~about~~ at least six pounds per cubic foot ~~and higher~~.
2.     (Canceled)
3.     (Previously Presented) The array of claim 1, wherein the fusion source is boron.
4.     (Original) The array of claim 1, wherein the porous material is made from a composition comprising about 1% to about 50% by weight alumina, about 50% to about 98% by weight silica, and about 1% to about 5% by weight boron.
5.     (Canceled)
6.     (Canceled)
7.     (Previously Presented) The array of claim 1, wherein the exposed porous material surface is about 50% silicon dioxide or higher.

8. (Previously Presented) The array of claim 1, wherein the exposed porous material surface is about 75% silicon dioxide or higher.

9. (Previously Presented) The array of claim 1, wherein the exposed porous material surface is about 95% silicon dioxide.

10. (Original) The array of claim 1, wherein the molecules are oligonucleotides.

11-12. (Canceled)

13. (Original) The array of claim 1, wherein the molecules are DNA.

14. (Original) The array of claim 1, wherein the molecules are RNA.

15-36. (Canceled)